

## JULY TO BE STORMY

Foster Predicts a Spell of Disagreeable Weather

TO INCLUDE THE FOURTH

His Speculations and Investigations of Coal Formations Continued.

St. Joseph, Mo., June 25.—My last bulletin gave forecast of the storm wave to cross the continent from June 24 to June 28, and the next will reach the Pacific coast about June 29, cross the western mountains by the close of June 30, the great central valleys from June 1 to 3, and the eastern states about July 4. This will be a severe and dangerous storm in the great central valleys, not far from July 2, but will not cover a very large extent of country. The storm will be along or not far from the 40th parallel. It will be the most severe storm of the month, and will spend its greatest energy west of Ohio. A wave of cooler and more pleasant weather will move eastward, crossing the western mountains about July 2, the great central valleys about July 4, and the eastern states about July 6. A large portion of the Mississippi and Missouri valleys and the upper lake region will have good pleasant weather for the fourth, but a few localities will have heavy showers, incident to the clearing up that follows the storm. One-third of the country east of Ohio will probably have bad weather for the fourth. The storm will not be extensive even there, but severe in some localities. The second storm wave of July will reach the Pacific coast about July 5, cross the western mountains by the close of July 6, the great central valleys from July 7-9, and the eastern states about July 10. It will be about the average and even force during its five day's journey across the continent. A wave of cooler, clearing and more pleasant weather, going east, about July 9, the great central valleys about July 10, and the eastern states about July 12.

Local Formations. Peat beds are formed in fresh water, and under these are often found deposits of sand, gravel and fresh water shells and everything in connection with the covering of these peat beds indicates that sea waters have never been near them. But our coal beds were laid down in salt water. Everything above and below these coal beds indicates that they were formed from vegetation that must have been marine vegetation; but marine vegetation will not produce carbon or coal in any quantity. Our vegetarians say that our coal beds were formed as our peat beds are now being formed, and the facts stated in the two paragraphs make this impossible. Peat beds are formed of the roots and tops of ferns, rushes, etc., that grow in swamps, and the roots of these vegetables are always seen in the peat running vertically. It matters not how much pressure has been put on the peat by the accumulation of sediment above it, the points of the roots, running, not horizontally, but vertically as ferns, grow, are always easily traced in the peat. A mass of peat has been compressed with a force of twenty tons to the square inch in an effort to reduce it to coal, but the vertical structure of the mass remained as it had grown with all the fibres, twigs and roots of coal do not extend through the coal vertically, but lie in seams horizontally between different deposits of coal, and these are fresh water plants that washed into their places by water currents.

Alabama Coal. I examined the Black Warrior coal mines in Alabama, in 1885, and in one place between two strata of coal were the imprints of thousands of fern leaves and twigs all lying horizontally in the seam between the two layers of coal which were each twelve inches thick, but not a single impression of any vegetable could be found standing horizontally. The coal must have come from some other source than vegetation. It must have been deposited in deep sea water, and the ferns must have been placed there by the rise of some river whose waters floated the ferns out into the sea.

To have formed the coal beds on this continent from vegetable decay there must have been hundreds of thousands of acres of fresh water swamps nearly on a level with the sea and to form coal bed No. 1 the swamp waters must have been on a level with each other, and therefore, our seams of coal, each of which can be traced for hundreds of miles, would necessarily have been formed on a level. But they are not on a level now, and as there are no breaks in the coal the elevation of parts of the coal beds could not have occurred after the coal was deposited.

Vegetable and Fibre Strata. In many places two strata of coal are fifty feet or more apart, and then within 500 feet they come together without breaks in the coal, the lower stratum being nearly on a level floor, and the upper one on an uneven floor, extending over hills forty feet high. Evidently such deposits could not have come from vegetable decay, for the decay water must have a level surface.

In the Ohio reports, vol. 2, page 120, and 126, Prof. Newberry claims that the coal seams are not parallel.

All these facts make it probable that the coal was deposited in the seas on an uneven floor, and the facts stated above make it impossible for these radiating coal beds to have come from vegetable decay. The latter process requires that these coal beds must have been originally on a level, and they could not have been elevated into wave-like ridges without breaks in them.

Trees have been found standing in coal veins five feet thick. It would require forty feet of vegetable decay to form that coal, and then a deposit of 500 feet of solid earth on top of that in order to give the weight and heat required to make coal of vegetable decay. How could you induce that tree to stand there through all the ages

necessary to not only form the forty feet of vegetable decay, but enough earth to hold it from falling and lying horizontally in the soft peat? The vegetation that is found in coal will not burn, is not bituminous, not combustible. If the bituminous oil of coal that makes such excellent gas for lighting purposes came from that vegetation, why will the vegetation itself not burn when it has lain buried in the coal for ages?

Real vegetable carbon, that which we know has been formed from vegetable decay, is not bituminous, while we know there is an abundance of bitumen in mineral coal.

A thin vein of vegetable coal is often found in our coal beds, and this is found to be almost incombustible. Being the pure vegetable carbon it ought to burn like pure bitumen, for it stands to vegetable coal as bitumen does to stone coal. But the vegetable coal burns like a green elm log. Verily, carbon is king, vegetation is his prodigal and not the reverse.—(Copyrighted).—W. T. FOSTER.

Yesterday's Treasury Statement. WASHINGTON, June 25.—Yesterday's treasury statement: Net gold on hand June 25, \$115,457,974; June 24, \$115,201,520; decrease, \$256,454. Net silver on hand June 25, \$5,026,189; June 24, \$5,258,024; increase, \$231,835. Net legal tender on hand June 25, \$6,678,784; June 24, \$6,938,610; increase, \$259,826. Actual cash in the treasury vaults over outstanding certificates June 25, \$127,480,947; June 24, \$127,536,154; increase, \$55,207. Deposits in bank June 25, \$12,667,264; June 24, \$13,056,128; decrease, \$1,118. Net cash balance June 25, \$140,528,211; June 24, \$140,612,300; increase \$84,089.

Adjourned Until Monday. WASHINGTON, June 25.—There was no session in the house today. In the absence of a quorum an adjournment was made until Monday.

Take This or Nothing. NEW ORLEANS, June 25.—President Voel of the Olympic club, in answer to an offer of a \$10,000 purse for a fight between Fitzsimmons and O'Brien, received today from the former who is in San Francisco, a telegram to the effect that he would not meet O'Brien for less than \$15,000. Noel at once sent Fitzsimmons the following reply: "Will you see \$20,000 better, making \$12,000 total purse. Take this or nothing." No reply has been received from the lucky champion.

Floods in Illinois. DIXON, Ill., June 25.—The Rock river has risen so high that it has overflowed its banks in front of this city, and a large number of families have been driven from their homes by the flood. The water is now seventeen feet above low water mark, and still rising. A park of the bulkheads of the Dixon Milling company's mill have been washed out. The large shoe factory is flooded, and other industrial establishments have suffered damage. Serious apprehensions for the safety of city are felt.

Knocked Down and Killed. SAN FRANCISCO, June 25.—The feud between the rival republican factions at Potrero, the southern suburb of San Francisco, resulted today in the fatal wounding of Con McManus and John Welch. Welch and McManus met and fought. The former was knocked down and stabbed and retaliated by shooting McManus through the body, just below the heart. It is said that this will lead to further bloodshed.

Closed a National Bank. ENRI, Pa., June 25.—United States Bank Examiner George A. Stone closed the First National bank of this place at noon today. The extent of the liabilities are unknown. The heaviest loss is in Weashe county, the taxes for June having just been deposited to the amount of \$20,000 to \$30,000. The failure is supposed to have been brought about by the Ewing failure at Thayer, which occurred a few weeks ago.

Victory for the Whisky Trust. CHICAGO, June 25.—The release of George J. Gibson yesterday from all possibility of prosecution on the charge of conspiracy to blow up the Shufeldt sanitarium is likely to be followed by a victory for those whisky trust officials indicted in Boston for violating the Sherman anti-trust law. District Attorney McElhenny said that he had little hope that he would be able to maintain the indictments against the whisky trust officials.

Three Persons Drowned. CHICAGO, June 25.—A triple drowning occurred in the town of Lake this afternoon. Frank Schilt, John Kearns and his brother, Cornelius Kearns, aged 13, 11 and 9 respectively, were drowned while bathing in a pond at the corner of Fourth and Leavitt streets. No one saw them drown, and their fate would not immediately been known had not their clothes been found and identified by their parents.

Drowned While Bathing. BATON ROUGE, La., June 25.—Dr. E. A. S. Quong, a prominent physician of this city, went on a bathing tour in the river yesterday afternoon and was seized with cramps, and before assistance could reach him he was drowned. He leaves a young wife and one child. Half an hour before this two negroes were drowned in the same manner about a hundred feet away.

Whale-Backers Launched. WEST SUPERIOR, Wis., June 25.—A large crowd witnessed a triple launch today from the yards of the American Steel Barge company. The vessels are two whale-back steamers, the Pillsbury and the Washburne, of 2,800 tons each and a steel tug, all built for the " Soo " railroad to ply between Buffalo and Gladstone, where that road touches the great lake.

Meeting of Labor People. CINCINNATI, June 25.—A meeting of labor people was held in this city tonight in the interest of Judge Graham. There is a strong sentiment in Cincinnati labor circles for Graham, and there is no doubt that he would poll 15,000 votes in this city alone. The meeting tonight arranged to raise \$250 for the purpose of helping him run for the office.

## SHAME OF A GIRL

Charged to Her Brawny Blacksmith Parent

WHO HURRIEDLY SKIPPED OUT

And Has Not Been Seen or Heard of Since—The Debauched Daughter Not Expected to Live.

DETROIT, June 25.—Thomas Clayton is the brawny blacksmith who for the past seven years has kept a roadside shop immediately south of Jacob's Four-mile house on Woodward avenue. He worked hard, kept a large family, in humble circumstances, and was a man well thought of by his neighbors. His family consisted of four boys and three girls, aged 20, 16 and 18. One of the girls is now married to an industrious and respectable man. The boys are all hard-working, honest young fellows, the neighbors say. Mrs. Clayton, a kind-looking, intelligent old lady, appears to have been a kind mother, and the neat cottage and her own tidy appearance give evidence of being a good and thrifty housewife.

Clayton came to America about fourteen years ago from England, where he was married and where all his children were born. Seven years ago he settled where his family now live. Several months ago Annie, the 16-year-old daughter, was taken sick, and a medical examination disclosed the fact that she was enceinte. She would not give up the name of the author of her trouble until about six weeks ago, when she made the terrible confession that it was her own father. The hearer's mother charged the father with the crime. He stoutly denied it, but two days afterward he left home in the evening, and has not been seen or heard of since by any member of the family. Last Tuesday morning's child was born, which lived until Thursday noon. The child died, and was buried at Three Oaks.

The unfortunate girl is in a critical condition and not expected to live. The police have been notified and Detective Lombard started for Mt. Clemens today in search of the father.

CHICAGO IS AFLOAT. Launching of a Handsome Chicago Excursion Steamer. DETROIT, June 25.—The steamer Chicago slid down the ways at the Orleans street yard of the Detroit Dry Dock company at 3 o'clock this afternoon. A big crowd was present to see the launch of this, the finest wooden passenger steamer ever built in Detroit and perhaps on the great lakes. For weeks large forces of ship carpenters and finishers had been at work pushing the construction of the new steamer to the utmost, and today the hull and outside casings are finished, painting included. The interior work on the boiler and machinery are yet to go in. In about a fortnight the Chicago will leave for Chicago and take her place in the Graham & Morton line between that city and St. Joseph.

SPEER'S SUICIDE. A Disappointed Cobbler Does His Last Job. ALBANY, Mich., June 25.—Fred Wolfe, a shoemaker, well known in this section of the state, committed suicide by taking morphine about 9:30 o'clock last night. He had been on a protracted spree and his rash act was induced by the resultant dependency.

Two physicians were summoned to administer treatment, but he died in less than an hour. He leaves a wife, a son and two daughters.

Backpacked Beauty's Bad Break. DETROIT, June 25.—A barber named Lee, employed at the Griswold hotel, shop, resides at No. 397 Macomb street, near Knapville. This morning, while he was eating a breakfast, his young wife pretty wife took half an ounce of laudanum. Drs. Steinbrecher and Bennett were called, and after several hours' work pronounced the woman out of danger. Mrs. Lee's rash act is said to have been occasioned by meddlesome neighbors causing a disagreement between husband and wife.

Limited to Bona Fide Laborers. LANSING, Mich., June 25.—In two cases growing out of the J. E. Potts & Co. failure, the supreme court limits the application of the labor lien law of 1887 to actual bona fide laborers. A contractor, whose claim against the insolvent firm is largely made up of sums paid out for labor, is decided not to be entitled to the benefits of the statute. Nor are a firm of lumber inspectors at Oscoda, their services being held to partake of a professional nature.

University Junior Drowned. ANN ARBOR, Mich., June 25.—Richard S. Farney, a junior of the literary department, was drowned yesterday at Whitmore lake, about twelve miles from here, while out bathing with several companions. His body has been recovered and will be sent to his home at Chicago. He was a member of Beta Theta Pi fraternity.

Ohio Talent Recognized. ADRIAN, Mich., June 25.—Edward Riley and James Donahue, the Cleveland pickpockets captured here "boom day," were sentenced to five years apiece at Jackson this morning. Riley was convicted by a jury and his pal thereupon pleaded guilty.

Died in His Orchard. ECHOS, Mich., June 25.—Charles LaMotte, one of the oldest residents of Echos, was found dead in his orchard Wednesday night. He seemed in usual health during the day and heart disease was undoubtedly the cause of his death.

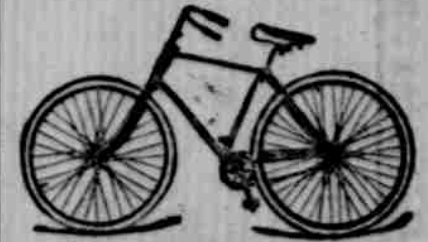
Diphtheria at Adrian. ADRIAN, Mich., June 25.—Some alarm is felt here over the reappearance of the malignant diphtheria in the fourth ward. Charles C. Peavey, a resident of State street, lost two children yesterday by the disease, and a third will die this morning.

Distilleries to Shut Down. PERRIS, Ill., June 25.—It has been rumored about the city the past few days that a number of the trust distilleries here and in Chicago contemplate shutting down July 1 on account of a scarcity of orders.

Carmen Officers Re-Elected. ST. LOUIS, June 25.—The National Brotherhood of Carmen today re-elected the old board of officers and adjourned to meet in Minneapolis in June, 1894.

Hard Water Soap. White's Cream Soap, sold only by White & White. Open all night.

## BICYCLES!



For two weeks beginning June 27, we will offer special inducements on Bicycles. Now is your opportunity. Call and see us.

STUDLEY & BARCLAY,

4 Monroe Street.

P. S.—Our stock of Hammocks and Tennis Goods is complete.

## OUTFITS

FOR

COTTAGES,

OUTFITS FOR HOTELS,

Outfits for Homes.

Everything in Crockery, Glass ware and Lamps. Call on us for estimates.

W. S. & J. E. GRAHAM,

Cor. South Division and Fulton streets.



LADIES

Who like the latest style in Fine Shoes or Oxford Ties, will do well to call at 87 Monroe Street. It is the only exclusive Ladies' Dress and Children's Shoe store in the city.

J. H. TULIP.



We are selling a great many Plain and Fancy Waists. People say we have the best Line. Ladies' Furnishings.

Stauffer's, 101 Monroe Street.

Every Item a Leader.



Prices Low.

WHY?

We have no Unprofitable Lines. No Credits. No Losses.

# WONDERFUL CURES!

Of the Famous Specialist.

NOTHING MEAN ABOUT US! RUPTURES

Destroy Comfort.

RUPTURES ARE DANGEROUS

Ruptures Cured!!

\$5.

In the Detroit Free Press June 7, sixth page, under the head of "Distinguished Doctors," we see the names of the members of The American (Alopathic) Medical Association, who are meeting in that city, and the specialties in which they are engaged, and also the pictures of 28 of those who can afford it.

If this is their advertisement, and we think it is, we wish to congratulate the principal physicians among the Alopaths for their success as advertising physicians, and we feel sorrow for the common herd of Alopathic physicians who do not dare to advertise. What does this meeting amount to, anyway? Is it anything more than a mutual admiration society and a free advertising scheme for its members? Will the rest of the Alopathic physicians call them "quacks" after this? We hope not, as the members of the American Medical Association have as much right to advertise as Dr. S. CLAY TODD, and we wish to congratulate them on their success as Advertising Physicians.



DR. S. CLAY TODD,

The Famous Specialist. Office and Dispensary, 16 North Division street, up stairs. Rooms 1, 3 and 4, Grand Rapids, Michigan.

Dr. Todd charges less and cures quicker than any other Physician. If you have tried other Doctors without relief, a permanent cure your only hope is Dr. S. Clay Todd. Dr. S. Clay Todd's medicines are all freshly prepared by the Doctor in person, every day but Sunday. Dr. S. Clay Todd can be consulted free of charge at the office, or by letter, every day but Sunday.

TERRIBLE

BACKACHE

CURED

I had a terrible steady backache for four years without any let up at all; sometimes I could hardly straighten up. Could not ride in a wagon on account of the greater pain from the jar of the wagon, and have walked rather than ride. I have now been under the treatment of Dr. S. CLAY TODD, 16 North Division street, Grand Rapids, Mich., ten days and yesterday I rode 25 miles and nine miles today in a wagon without pain at all—the first time for four years. I would cheerfully recommend Dr. Todd to those who have great pains in their backs.

October 12, 1890, AVERY DOWNER, Alpine, Mich.

ARE YOU ALWAYS SLEEPY?

Do you get up nights? Can you control your urine? Is there pain in your back? Or Nervous Prostration? Or Nervous Debility? Or Impotency? Any inclination to Paralysis? Ever had Rheumatism? Is Stomach weak? Do you feel weak? Is there a sense of gloominess? Pains in back of head? Are you dreadfully nervous? Not enough or too much urine? Does it hurt to urinate? Is there smart or burn? Is there weight or pressure in lower part of abdomen? Does your urine settle? Briskness or cloudy deposit? How long this way? Married or single? About what age? Then call on Dr. S. Clay Todd, No. 16 North Division street, Room 4, Grand Rapids, Mich., or at the famous Special Dispensary, who is curing all these dreadful complaints. Almost every town, or city, or neighborhood in the United States can boast of some former sufferer who has been restored to perfect health and manhood and womanhood by Dr. S. Clay Todd in the last 10 years. He sends medicines everywhere.

Call immediately.

This disease, with all its complications, is always cured by Dr. S. CLAY TODD, 16 North Division street, rooms 1, 3 and 4, Grand Rapids, Mich.

The medicines are shipped directly to Dr. Clay Todd from the countries where they grow and are compounded and dispensed by him

## CONSUMPTION CURED

Thirty Miles Northeast from

Grand Rapids—The Neigh-

bors Greatly Surprised

and Pleased.

Had Consumption; was failing very rapidly, and got so discouraged I did not care whether I lived or died; coughed all the time; had short breath and palpitation of the heart; could not help me. Jan. 25th I went with my father to Dr. S. CLAY TODD, the famous specialist of Grand Rapids, and I am pleased to say I improved immediately on taking his medicines. When I began taking them I weighed 120 pounds, and it was all I could do to walk up stairs to Dr. TODD's office. I was so weak, now I weigh 160 pounds and feel as well as I ever did. I would be pleased to recommend Dr. S. CLAY TODD, 16 North Division street, Grand Rapids, Mich., to all suffering from consumption.

March 12, 1891, WM. SNYDER, Lorenco, Kent Co., Mich.

Cures Paralysis, Twitching, Pinching or Pricking Sensations, Tremulous Feelings, Back or Head Ache, Back or Neck Pains, sometimes running down the arms or back, Dizziness and other symptoms leading to paralysis. Nervous Debility and Female Complaints and Chronic Diseases. Consultation free and confidential. No charge for services until cured. Directions in all languages.

RHEUMATISM ALWAYS CURED.

CATARH and HEAD NOISES CURED

DROPSY CURED.

FITS AND ALL NERVE AND BRAIN DISEASES CURED.

EYE AND EAR DISEASES CURED.

THE ONLY ONE WHO CURES DEAFNESS

Catarh, deafness, rheumatism, nervous debility, impotence and all diseases resulting from early indiscretions and excesses of manhood, all diseases of the urinary organs, partial paralysis, varicose ruptures, tumors, scrofula, old sores, dropsy, skin diseases, liver and kidney complaints, heart disease, shortness of breath, back of head, small of back, etc., including all female complaints and chronic diseases cured quickly and permanently.

That cough, slight fever, and weakness, shortness of breath, palpitation of heart, my means sure and quick consumption. If you are nervous, restless, irritable, sleepless or wake after horrid dreams, tired mornings, with a dull headache, bad taste in the mouth, sometimes discharges, and so about your employment without life, energy or ambition, desire to be alone, gloomy forebodings, a disposition to worry and fret about trouble ahead that never comes, spells of feeling afraid or uncertain, sometimes low spirits, you are suffering from nervous debility and exhaustion of nerve power, which may end in utter prostration, insanity and death.

If you have a great sense of weakness and weariness, with tired limbs, numbness, trembling, prickly sensations, cold feet and legs, you are advancing to that most serious disease—Paralysis. If your head aches, feel numb and tired, with strange sensations, loss of memory, and you think with difficulty or you are sleepless at night, with drowsiness and dullness during the day, the nerve and brain fatigue may soon run into insanity or death.

If you have any of these feelings do not neglect them, or they will end in paralysis, insanity, prostration or death. As you value your life do not neglect these warnings. Time and expense has shown, and hundreds of proved, that these diseases are perfectly and completely cured by Dr. S. CLAY TODD, 16 North Division street, rooms 1, 3 and 4, Grand Rapids, Mich. Call or write, free of charge, or by mail. Medicines sent everywhere.

Stomach Troubles Cured.

Pains in Stomach, belching wind. Raising water, food or gas. Pains before and after eating. Constant pains in stomach. Cold or putrid stools. Dyspepsia cured. Nervous Dyspepsia cured. All stomach troubles cured by Dr. S. Clay Todd, office No. 16 North Division street, up stairs, rooms 1, 3 and 4, Grand Rapids, Mich. Consultations free at the office or by letter. Medicines sent everywhere. Call or write, free.

Young and Middle Aged

Nervous Debility, Nervous Weakness, resulting from early indiscretions and excesses of manhood, overwork of the brain, improper treatment of some other diseases, improper use of instruments in examination and treatment of some other diseases, hereditary weakness, etc., causing lost manhood, impotency, barrenness, inability to collect ideas or remember a word during conversation; making the sufferer lose confidence in every one, even himself, causing continual worry and anxiety about troubles that never come; sometimes causing epilepsy, often causing insanity, one form of Insanity, Paralysis, Nervousness and Heart Disease, inability to conduct business, etc.

This disease, with all its complications, is always cured by Dr. S. CLAY TODD, 16 North Division street, rooms 1, 3 and 4, Grand Rapids, Mich. Call immediately.

Rupture in Scrotum Cured.

Our little boy was cured of Rupture in Scrotum by Dr. Clay Todd, 16 North Division street, Grand Rapids, Mich. We are so glad because Johnnie was always in so much pain, and cried all the time, but now he is happy and all round and he is always happy and runs about and jumps and plays.

JOHN PETER, Mrs. BELLE PETER, 265 Cassette St. Grand Rapids, Mich. March 12, 1891.